“Let’s keep Gnathology growing. The mark of a professional person is evidenced by his continued desire to upgrade his knowledge and skill so that he will be able to serve better those who seek his professional service.”

Dr. Harvey Stallard

Mark Your Calendars!

International Academy of Gnathology
American Section

CONGRESS XXVII

The Langham Huntington Hotel, Pasadena, CA
September 17-19 (Thursday - Saturday), 2015

Thanks again to our Exhibitors!

International Academy of Gnathology, American Section, is designated as an Approved PACE Program Provider by the Academy of General Dentistry. The formal continuing education programs of this program provider are accepted by AGD for Fellowship, Mastership and membership maintenance credit. Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement. The current term of approval extends from 9/1/2013 to 9/30/2016. Provider ID# 218796.
Welcome to the twenty-sixth biennial gathering of the International Academy of Gnathology, American Section.

The Scientific Program Committee has worked diligently to bring together a scientific program that we're certain you will enjoy. From foundational presentations on functional impairment of the temporomandibular joint to state-of-the-art digital dentistry, today's best and brightest presenters are here to advance our understanding of the ever-changing art and science of dentistry.

The challenging work of organizing this year's program was enthusiastically accomplished by seven persistent, talented, and very special individuals; the Scientific Program Committee. All committee members contributed to the recruitment, selection, and organization of the outstanding presenter lineup for Congress XXVI. In addition Dick Schirmer and Doug Erickson worked meeting promotions. Bob Nishikawa and Lisa Kajimura handled the demanding task of organizing the table clinic session. Lane Ochi and Eric Bloom managed the complexities of arranging program audio-visuals. And last, but by no means least, John Petrini coordinated the support and display of exhibitors that will be graciously available to attendees through the meeting. Without the willing dedication, hours of commitment, and sincere effort of these hard working committee members, the remarkable professional program before you over the next several days would not be possible.

On behalf of Academy officers, directors, and committee members, I am happy to extend a most sincere "thank you" to all attendees for joining us at the beautiful Hyatt Regency Tamaya Resort & Spa. We are confident that you will thoroughly enjoy the excellent facilities, stunning southwest landscapes, rewarding educational opportunities, enjoyable social activities, and perhaps most of all, the camaraderie of professional and personal interactions, old and new.

Sincerely,

Dave Cagna, Chair
2013 IAG Program Committee

WWW.GNATHOLOGYUSA.ORG The International Academy of Gnathology, American Section, newly designed website contains valuable information. Please refer to the website for the latest information, online registration, meeting updates, Congress hotels and local arrangements.
### AMERICAN SECTION
Dr. Thomas E. Cyr, Secretary-Treasurer  
1322 Avenue D, Suite A, Snohomish, WA 98290  
Phone: (360) 568-5800  
Email: smileman47@sailorsbaydentistry.com.au  
Next Meeting: Congress XXVII  
**Langham Huntington Hotel, Pasadena, CA**  
**September 17-19, 2015**

### LATIN SECTION
Dr. Rafael Mejicano (Guatemala), Congress President  
Phone: 502 238 57777  
Email: mejicano@centrodental.com.gt  
Dr. Pablo Rueda Gomez (Colombia), Secretary  
Cale 92 #13-32 Apt 201, Bogota, Colombia, South America  
Phone: 57 1 2576611  
Email: drpruedag@yahoo.com  
Next Meeting: Congreso XX, Antigua  
Guatemala, Central America  
Dr. Leslie Belmont (Peru), Honorary Pres.  
**September 19-20, 2014**

### ASIAN SECTION
(Currently “The Academy of Clinical Dentistry”)  
Takashi Watanabe, President  
6-2, Kotaki-cho, Ohara, Onahama, Iwaki City  
Fukushima Prefecture, Japan 138-0088  
Phone: 81-246-52-0006  
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New Office: The Academy of Clinical Dentistry (Japan)  
Sankyo Hanzomon Palace 201, 1-8-2 Hirakawa-cho  
Chiyoda-ku, Tokyo, Japan 102-0093  
Phone: 81-3-6691-0261  
Email: nichigaku@ago.ac  
Next Meeting: The Tokyo Forum, Tokyo, Japan  
**June 21-22, 2014**

### AUSTRALIAN SECTION
Dr. Christopher Watt, President  
62 Strathallen Avenue, Northbridge, NSW 2063 Australia  
Phone: 61 2 9958 0400  
Email: chrisw@sailorsbaydentistry.com.au  
Next Meeting: No meeting presently organized

## OVERVIEW: PROGRAM & EVENTS

### Tuesday, September 17
6:00 pm – 8:00 pm....Congress Registration, Mountain View Foyer

### Wednesday, September 18
8:00 am – 12:30 pm.....Congress Registration, Mountain View Foyer  
12:40 pm – 1:00 pm......Opening Remarks, Room Tamaya ABCD  
1:00 pm – 2:30 pm........Dr. J. William Robbins  
2:30 pm – 2:55 pm..........Break with Exhibitors  
3:00 pm – 3:55 pm........Dr. Thomas D. Dumont  
4:00 pm – 5:00 pm..........Dr. Douglas Knight  
6:30 pm – 8:30 pm..........Cocktail Reception, Hummingbird Garden

### Thursday, September 19
8:00 am – 9:45 am........Dr. Jeffery P. Okeson  
9:45 am – 10:00 am.........Q&A Session (Dr. Bob Cronin, Moderator)  
10:00 am – 10:25 am.......Break with Exhibitors  
10:30 am – 11:10 am........Drs. David C. Hatcher  
11:15 am – 11:55 am........Dr. R. Andrew Giradot  
12:00 pm – 12:30 pm.....Dr. Eric McRory  
12:30 pm – 12:35 pm......Dr. Bob Nishikawa – Table Clinic Overview  
12:35 pm – 1:55 pm.......Lunch, Rio Grande Bar & Patio  
2:00 pm – 5:00 pm.........Table Clinic Session, Room Tamaya E  
6:30 pm – 9:00 pm..........Route 66 Theme Dinner, Cottonwood Pavilion

### Friday, September 20
7:30 am – 8:15 am........IAG Business Meeting, Room Tamaya ABCD  
8:30 am – 9:10 am.........Dr. Frank Higginbottom  
9:15 am – 10:00 am.........Dr. Neal Patel  
10:00 am – 10:25 am.......Break with Exhibitors  
10:30 am – 11:25 am........Dr. Charles J. Goodacre  
11:30 am – 12:30 pm.....Drs. Chuck DeFreest & Steve Schmitt  
12:30 pm +....................Unscheduled Afternoon & Evening

### Saturday, September 21
8:00 am – 8:55 am........Dr. Michael J. Melkers  
9:00 am – 9:55 am.........Mr. Russell T. DeVreugd  
10:00 am – 10:25 am.......Break with Exhibitors  
10:30 am – 11:10 am........Dr. Timothy A. Hess  
11:15 am – 12:00 pm......Dr. Ricardo Mitrani  
12:00 pm – 12:55 pm......Lunch, Corn Maiden Restaurant & Patio  
1:00 pm – 3:00 pm.........Dr. James C. Kessler  
3:00 pm – 3:30 pm........Break with Exhibitors  
3:30 pm – 4:01 pm........Dr. Markus & Matthias Troeltzsch  
4:15 pm – 5:00 pm..........Dr. Terry Donovan  
5:00 pm........................Closing Remarks  
6:00 pm – 7:00 pm..........Cocktail Reception, Tamaya Veranda  
7:00 pm – 10:00 pm.........Formal Gala Dinner-Dance, Tamaya Ballroom

### CONTINUING EDUCATION CREDIT:
Attendees will earn 20.10 AGD PACE and California continuing education units.
As our patients become more discriminating, dentists must become better diagnosticians as well as clinicians. The most difficult patients to treat in the adult restorative practice are the wear patients. As the teeth wear, they commonly move into positions that make restorative dentistry difficult and sometimes impossible. This condition is termed “Dentoalveolar Extrusion” (DAE). The understanding of the DAE has completely revolutionized the diagnosis and treatment planning of this difficult subset of patients. The DAE wear patient commonly requires an interdisciplinary treatment approach to achieve an esthetic and functional result. This lecture will address the following topics: review of CORE diagnosis principles, diagnosis of DAE, interdisciplinary approach to DAE, 8 treatment options for treating DAE, and case studies to illustrate treatment options. Following this presentation, attendees should appreciate:

- Diagnose dentoalveolar extrusion (DAE)
- Indications for functional crown lengthening as a treatment for DAE
- Indications for orthodontic intrusion as a treatment for DAE
- Methods of dealing with inadequate space and excess space in the DAE patient
- Five additional less commonly used treatments for DAE.

NOTES:

2:30-2:55 PM - BREAK WITH EXHIBITORS, Hawk Room
It has been pronounced that the state of a dental system can be assessed simply by carefully looking at the lower incisors. Is that so?

It is, if you know what you are looking for. Many aspects of the lower front teeth will be touched upon from their premiere eruptive patterns to the eventual, various worn and misaligned states; at all times comparing ideal to pathologic forms and functions. Reference will be made to an unprecedented study using a bioesthetic maxillary anterior guided orthosis (BMAGO). Following this lecture, attendees should:

• Appreciate the vital roles that lower incisors play in facial growth and orognathic development.
• Recognize optimal form and function found in natural adult dentitions.
• Be aware that the pristine state of anatomy and physiology is fundamental to diagnosis of problematic dental systems.
• Be capable of designing successful comprehensive restorative dental solutions.

**NOTES:**

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**The Extraordinary Lower Incisors**

3:00-3:55 PM  
Dr. Thomas D. Dumont  
Ashland, Oregon

It has been pronounced that the state of a dental system can be assessed simply by carefully looking at the lower incisors. Is that so? It is, if you know what you are looking for. Many aspects of the lower front teeth will be touched upon from their premiere eruptive patterns to the eventual, various worn and misaligned states; at all times comparing ideal to pathologic forms and functions. Reference will be made to an unprecedented study using a bioesthetic maxillary anterior guided orthosis (BMAGO). Following this lecture, attendees should:

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**NOTES:**

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**The McCOLLUM AWARD**

The Dr. Beverly B. (Bolling) McCollum Award was established by the Board of Directors on the International Academy of Gnathology, American Section, at its 1969 meeting in New York City. Dr. Charles Eller and Dr. Carlos Ripol designed the award medallion. The McCollum Award, the highest honor conveyed by the Academy, is presented at each biennial meeting to distinguish those who have contributed significantly to the clinical application, scientific foundation, and educational advancement of Gnathology.

**RECIPIENTS**

2011……Dr. Thomas F. Basta (Los Gatos CA)  
2009……Dr. Donald H. Downs (Colorado Springs CO)  
2007……Dr. Posey G. Hedges (Memphis TN)  
2005……Dr. William N. McGilchrist (Evanston IL)  
2003……Dr. W. Thomas Colquitt (Shreveport LA)  
Dr. Robert J. Cronin (San Antonio TX)  
2001……Dr. Ralph Stenberg (Lynnwood WA)  
1999……Dr. Albert Solnit (Beverly Hills CA)  
1997……Dr. Axel Bauer (Dusseldorf, Germany)  
Dr. James M. Benson (San Diego CA)  
1995……Dr. Hunter A. Brinker* (Oviedo FL)  
1993……Dr. Everitt V. Payne* (Beverly Hills CA)  
1989……Dr. Harry L. Gelfant (Vancouver BC)  
Dr. Olin M. Loomis* (Seattle WA)  
1987……Dr. Jack Siewston* (Dallas TX)  
1985……Dr. William H. McMorris (Memphis TN)  
Dr. George W. Simpson* (Franklin IN)  
1983……Dr. Sumiya Hobo* (Tokyo, Japan)  
Dr. Mario Martignoni* (Rome, Italy)  
1981……Dr. Max Kornfeld* (St. Louis MO)  
Dr. Victor O. Lucia* (Hackensack NJ)  
1979……Dr. Carlo DeChiesa* (Saluzzo, Italy)  
Dr. Gustav Swab* (San Diego CA)  
1975……Dr. Llewellyn Leigh* (Palo Alto CA)  
Dr. Clyde Shepard* (Lafayette CA)  
1973……Dr. Charles G. Eller (La Mesa CA)  
Dr. Carlos Ripol* (Mexico City, Mexico)  
1971……Dr. Harvey Staiard* (San Diego CA)  
Dr. Charles Stuart* (Ventura CA)  
Dr. Peter K. Thomas* (Beverly Hills CA)  

*Deceased
Many orthodontic patients have discrepancies that can’t be corrected with conventional orthodontics, but are not severe enough for orthognathic surgery. Accelerated orthodontics and skeletal anchorage have been used for a number of different dentoalveolar problems, examples of these would include: anterior open bites, anterior crossbites, excess overjet, and constricted arches. This presentation will highlight goal directed treatment planning, based on the position of the upper and lower incisors, facial esthetics, smile esthetics and joint position. Dentoalveolar distraction osteogenesis (DDO) can be utilized to correct an unfavorable anteroposterior relationship between the maxillary teeth and the skeletal base. Skeletal anchor plates which are implanted in the zygomatic buttress area, serve as absolute anchorage for maxillary molar intrusion. In addition, they can also be used for Class II correction. A wide variety of clinical cases at different stages of treatment will be presented.

Following this lecture, attendees should comprehend:

• Diagnosis of anterior openbites.
• Protocols for maxillary anchor plates.
• Protocols for dentoalveolar distraction osteogenesis.
• Protocols for Class II and Class III correction.
The dental practitioner is constantly being challenged by new information and concepts in the area of orofacial pain and temporomandibular disorders. Although much of this information is very helpful in managing TMD, the practitioner must be mindful of the fact that there are many sources of orofacial pain. In order for a practitioner to be successful, he or she must be able to separate TMD from other orofacial pain conditions so that appropriate treatment may be selected. This is the process of diagnosis and is the most critical aspect of pain management. This presentation will also discuss the etiologic factors associated with TMD and where occlusal therapy may find its role in management. Following this presentation, attendees should:

• Be able to differentiate between TMD and other orofacial pain conditions.
• Be able to differentiate the site and source of pain.
• Understand the common patterns of pain referral in the orofacial structures.
• Appreciate the various types of orofacial pains.

8:00-9:45 AM
Dr. Jeffrey P. Okeson
Lexington, Kentucky

The Diagnostic Challenges of TMD & Orofacial Pain

Thank You
to our exhibitors for supporting IAG Congress XXVI and for providing valuable professional informational for attendees!

BIORESEARCH ASSOCIATES, INC.
9275 N. 49th Street Suite #150
Brown Deer, WI 53223
Phone: (800) 251-2315
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Web: www.Panadent.com

ULTRALIGHT OPTICS
17151 Newhope Street, Suite 203
Fountain Valley, CA 92708
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Web: www.ultralightoptics.com

WHIPMIX CORPORATION
361 Farmington Avenue
P.O. Box 17183
Louisville, KY 40217 USA
Phone: (800) 626-5651
Email: movermeer@whipmix.com
Web: www.WhipMix.com

Please be sure to visit with these exhibitors in the Hawk Room during breaks throughout the Congress!
Cone beam CT can reveal hidden anatomy and disclose important anatomic variations that can’t be visualized on traditional panoramic and cephalometric projections. This presentation will elucidate the imaging findings, natural course of disease progression, and the prognosis of several TMJ conditions and their influence on facial growth and airway. Following this lecture, attendees should understand:

- Concepts of normal TMJ growth and development.
- The identification of abnormal TMJ form.
- Functional and anatomic relationships between TMJ growth, jaw growth, and airway dimensions.

This presentation will provide a brief overview of facial growth emphasizing the role of the mandible and the TMJ. Next, the effects of joint overload (e.g., disc displacement) on growth will be presented. The magnitude of the problem and its prevalence will be discussed. Lastly, possible causes and possible treatment will be introduced. The entire presentation will be documented with appropriate bibliography and observational evidence. Following this presentation, attendees will better appreciate:

- Mandibular growth and its crucial effect on facial balance and occlusion
- The importance of TMJs in mandibular growth
- The impact of TMJ insult on mandibular growth
- Interpretation of TMJ imaging as a diagnostic tool
- Treatment objectives and methods

Color is an integral part of esthetic dentistry. Most dental schools don’t adequately teaching color theory, which is the conceptual and perceptual description of color elements and their interactions. Unfortunately, understanding color can be tricky. Slight shade variance play with our eyes, our minds, and ultimately our dentistry. Illumination in dental treatment rooms, optical illusions, color blindness, and fatigue are all obstacles to successful shade management. This presentation will highlight dimensions of color, the effect of metamerism, and other phenomenon that will sharpen both perception and understanding of color dynamics leading to improved color predictions and communication. Following this presentation, attendees should appreciate:

- Interactions of light, color, color perception and shade matching.
- Difference between additive and subtractive color theory.
- The phenomenon of metamerism.
- Translucency, maverick colors, and shade shifts.
- How/why camera light meters and human vision can’t be trusted.
- Three simple tricks to improving correct color selection.
Dentists are seeing many patients with advanced wear. Wear is clearly multifactorial with bruxism and erosion as major etiologic factors. However, mechanical abrasion related to restorative materials is also an etiologic factor. This presentation will evaluate the scientific literature related to wear of enamel and restorative materials. It will demonstrate that the evidence base related to wear is weak and explain why more controlled clinical trials have not been conducted. It will evaluate evidence gleaned from in vitro studies and also explain why data from multi-million dollar “wear centers” is of limited value when attempting to predict clinical performance. Finally, suggestions regarding materials selection in specific clinical settings will be given.

Following this lecture, attendee should better understand:

- The relative rates of wear produced by restorative materials.
- Which materials to choose in specific clinical situations.
- That wear of enamel is a multifactorial process involving both patient and material factors.
- That the least abrasive dental ceramic is 10 times more abrasive to enamel than gold.

5:00 PM - Dr. David Cagna, Program Chair
Closing of the Scientific Session
2:00- 5:00 PM – TABLE CLINIC SESSION, Room Tamaya E

Dr. Bryan S. Baker (Manhattan Beach, California)
Comparison of Various Registration Techniques to Maximize the Airway in Sleep Apnea Patients

Dr. Michael D. Cary (Sherwood, Oregon)
Preventive Gnathology#2: Treatment Sequencing of Biobloc Orthotropics

Dr. Matthew R. Checketts (San Antonio, Texas)
Digital Kesling Set-Up – A Novel Approach to Planning Interdisciplinary Treatment

Dr. Paul Hasegawa (Seattle, Washington)
Navigating the International Academy of Gnathology Web Site: www.gnathologyusa.org

Dr. Andrew Johnson (Memphis, Tennessee)
Use of CAD/CAM Occlusal Veneers to Ease the Vertical Transition when Restoring Worn Dentition

Dr. Kevin Komatsu (Los Angeles, California)
Temporary Implant Abutments for Quick and Easy Peri-Implant Tissue Contouring

Mr. Korey R. Korfiatis (Wenatahee, Washington)
Dental Marketing for the New Economy

Dr. Alexandros Manolakis (Thessaloniki, Greece)
Intra-Operative Bite Registration for Immediate Loading of Implants Placed in the Edentulous Jaw

Dr. A. Burton Melton (Albuquerque, New Mexico)
CAD/CAM Complete Dentures and Their Many Other Applications

Dr. Arthur Partiyan (Beirut, Lebanon)
Effect of Framework Design on Fracture Resistance of Full Ceramic Posterior 3-Unit FPDs

Drs. Shane Samy (Eugene, Oregon) & James L. Delgado (Albany, Oregon)
Preventing and Managing Dental Implant Complications

Dr. Steve Schmitt (San Antonio, Texas)
Dental Casts and Articulation in the Digital Age

Dr. Ryan Sheridan (San Antonio, Texas)
Fabrication of a Custom Central Bearing Point Device for Functional Generation of Occlusal Surfaces

Dr. Robert C. Supple (Albuquerque, New Mexico)
Digital Occlusal Force Patterns

Dr. Stephen Wagner (Albuquerque, New Mexico)
A One-Appointment Final Impression Technique Using a Newly Designed Prefabricated Edentulous Tray

Dr. Darin J. Ward (Alberta, Canada)
Preventive Gnathology #1: The Etiology of Malocclusion

Dr. Mark Z. Yamamoto (Huntington Beach, California)
Anterior Open Bite with TMD

6:30-9:00 PM – ROUTE 66 THEME DINNER
Cottonwood Pavilion
A Look at New Materials through The Lens of Proven Principles

There are clinically proven restorative materials that are very familiar to lab techs and dentists. These same individuals are being hit with a barrage of commercially biased information related to new materials and technologies. Here, we will examine hype surrounding “hot” new materials, and compare them with traditional materials and proven principles. Important is how they fail structurally and functionally and how to avoid clinical failure. Participants will learn:

- Physical properties and failure modes of all-ceramic materials.
- How to predictably manipulate contemporary materials.
- When gold or metal-ceramic restorations should be used.
- Consider determinants for long term material success or failure.

Where Do Incisal Edges Go to Die and Can We Revive Them Predictably?

Anterior guidance is key to comfort, function, and longevity of many restorations. Unfortunately, we all too often go from restorative problem identification to restoration planning without a diagnosis. In this presentation, common etiologies for incisal edge damage will be examined, including best restoration designs to avoid recurrence of the destruction. Following this lecture, attendees will:

- Appreciate subtle, and more obvious, types of incisal edge damage and appreciate “where incisal edges go to die.”
- Be able to design restorations to minimize the chances of continued destruction.
- Understand the impact of material selection on long term predictability of our restorative efforts.

Dentists for many years have performed very well using the analog world. Years ago, dentistry began going digital with a computer at the front desk, then in the operatory and digital records. Digital radiographs were a breakthrough in technology. This modality is still only 30-40% saturation of practices today. Today, dentists have the option of incorporating digital technology to actually make treating our patients better, from digital radiographs, to digital records keeping, to cone beam CT’s. We have so much more information for diagnosis and treatment planning today. Dentists can perform digital planning for implants, digital placement, digital impressions, and CAD/CAM restorations. Following this presentation, attendees should better understand:

- Cone beam CT technology and digital implant planning.
- Local digital guide fabrication and guided implant surgical placement.
- Digital impressions and CAD/CAM restorations.
- Incorporation of soft tissue lasers in routine therapy.
Dr. Patel is involved in R&D with respect to Cone Beam CT Imaging, CAD/CAM dental technology, and Digital Biometrics in Gnathology for several dental manufacturers. He will showcase the future of Digital Gnathology and the integration of all three of these cutting edge technologies for 3D Jaw Tracking. This can be a great tool to help the dentist understand the overall health of their patient’s stomatognathic system. Joints, muscles and teeth each play a role in determining a person’s oral health and stability. The way that the jaw moves, specifically, the analysis of mastication patterns can give us underlying clues to the quality of function and stability of our patient’s joints, muscles and occlusion. Dr. Patel will present Digital Mastication Analysis using integration of Cone Beam CT, CAD/CAM, and Digital Jaw Tracking in one software environment. Mastication analysis can also be used to help restore good function within the constraints of an imperfect existing occlusion. Following this presentation, attendees should better understand:

• The general applications of CBCT in comprehensive and interdisciplinary dentistry
• The current digital methods of Jaw Tracking
• The use of in-office CAD/CAM for restorative therapy
• Future integration of 3D CBCT Imaging, CAD/CAM, and 3D Jaw Tracking.

Dr. Patel is involved in R&D with respect to Cone Beam CT Imaging, CAD/CAM dental technology, and Digital Biometrics in Gnathology for several dental manufacturers. He will showcase the future of Digital Gnathology and the integration of all three of these cutting edge technologies for 3D Jaw Tracking. This can be a great tool to help the dentist understand the overall health of their patient’s stomatognathic system. Joints, muscles and teeth each play a role in determining a person’s oral health and stability. The way that the jaw moves, specifically, the analysis of mastication patterns can give us underlying clues to the quality of function and stability of our patient’s joints, muscles and occlusion. Dr. Patel will present Digital Mastication Analysis using integration of Cone Beam CT, CAD/CAM, and Digital Jaw Tracking in one software environment. Mastication analysis can also be used to help restore good function within the constraints of an imperfect existing occlusion. Following this presentation, attendees should better understand:

• The general applications of CBCT in comprehensive and interdisciplinary dentistry
• The current digital methods of Jaw Tracking
• The use of in-office CAD/CAM for restorative therapy
• Future integration of 3D CBCT Imaging, CAD/CAM, and 3D Jaw Tracking.

This presentation will take a close look at contemporary fixed implant supported prosthetic alternatives for the edentulous patient. As in any other field of prosthetic dentistry, the treatment planning phase of treatment represents the culmination of a comprehensive diagnostic phase in which the clinician designs the route of treatment. A well thought out contingency plan should be considered for those patients exhibiting parafunctional activity. Key elements of Interdisciplinary clinical communication as well as laboratory communication will be described in order to ensure success. Following this lecture, attendees should appreciate:

• Treatment planning edentulous patients for fixed implant supported restorations.
• Advantages & shortcomings of different treatment options available.
• Contingency planning in the design of the edentulous dental reconstructions.

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10:00-10:25 AM - BREAK WITH EXHIBITORS, Hawk Room

12:00-12:55 PM – LUNCH, Corn Maiden Restaurant & Patio
This presentation will show the steps used to clinically record the morphology of the intaglio and cameo surfaces of complete dentures that can then be scanned, the prosthetic teeth arranged in a virtual environment, and then the prostheses fabricated using a CAD/CAM process. Following this lecture, attendees should appreciate:

• Concepts by which complete dentures are fabricated using CAD/CAM technology.
• Clinical steps used to record the required morphology of complete dentures.
• Benefits of using a 3D Complete Denture Tooth Arrangement program.

Peri-implant disease in many cases can be related to dental cements and prosthetic design. The introduction of cement into subgingival tissues can be excluded utilizing aesthetic screw retained restorations or custom abutments that eliminate the crown/abutment interface below gingiva. Additional prosthetic design modifications to abutments can reduce the need for adhesive cements and facilitate use of water soluble cements that aid in detection and removal of excess cement. Following this presentation, attendees should:

• Be able to modify abutment design to improve retention and minimize peri-implant disease.
• Understand techniques to improve the aesthetics of screw retained restorations.
• Appreciate aesthetic custom abutment design aimed at eliminating subgingival margins.

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Dentistry is going through a transformative period. Cone beam computed tomography, laser and light scanning of casts, computer aided design, digital manufacturing, zirconia, milled titanium, milled dentures, implants, jaw surgery and digital recording of jaw motion are all available and accurate. The challenge is to effectively utilize these systems and materials to improve the diagnostic process and make dental care cost effective and appropriate. Charlie was always looking to the future and would have embraced these new and powerful tools.

Following this presentation, attendees should better understand:
• How data acquired from different scanning devices can be joined in virtual computer space.
• Advantages of digital treatment planning over conventional methods.
• Diagnostic problems associated with digital technologies.
• How clinicians can help to improve these new techniques and technologies.

Why do some beautiful smiles last? Why do others fail so fast?? Is there anything that can be done? Will we be proactive or reactive in our approach? Is bite position important-why and when does it matter? What is all of the debate about “function vs. parafunction”? Following this discussion, attendees should understand:
• Melding traditional & progressive diagnostics in risk assessment protocols.
• Parafunctional analysis as a real time insight into parafunction & failure.
• Protocols for confirming restorative jaw relationships.

This presentation will describe using the Occlusal Compass to provide proper function in regards to the “dynamic spiral.” Following this presentation, attendees should understand:
• Development of proper posterior and anterior function.
• Use of the occlusal compass to establish ideal anterior lingual and posterior occlusal morphology.
• How anterior occlusal morphology affects posterior occlusal morphology.
• Steps used to develop a predictable outcome, such as the role of the treatment plan wax-up, designing our provisional for function and esthetics, and selecting appropriate restorative materials.
Dentistry is going through a transformative period. Cone beam computed tomography, laser and light scanning of casts, computer aided design, digital manufacturing, zirconia, milled titanium, milled dentures, implants, jaw surgery and digital recording of jaw motion are all available and accurate. The challenge is to effectively utilize these systems and materials to improve the diagnostic process and make dental care cost effective and appropriate. Charlie was always looking to the future and would have embraced these new and powerful tools. Following this presentation, attendees should better understand:

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• Parafunctional analysis as a real time insight into parafunction & failure.
• Protocols for confirming restorative jaw relationships.

This presentation will describe using the Occlusal Compass to provide proper function in regards to the “dynamic spiral.” Following this presentation, attendees should understand:

• Development of proper posterior and anterior function.
• Use of the occlusal compass to establish ideal anterior lingual and posterior occlusal morphology.
• How anterior occlusal morphology affects posterior occlusal morphology.
• Steps used to develop a predictable outcome, such as the role of the treatment plan wax-up, designing our provisional for function and esthetics, and selecting appropriate restorative materials.

NOTES: 

12

UNIVERSITY OF CINCINNATI COLLEGE OF DENTISTRY
This presentation will show the steps used to clinically record the morphology of the intaglio and cameo surfaces of complete dentures that can then be scanned, the prosthetic teeth arranged in a virtual environment, and then the prostheses fabricated using a CAD/CAM process. Following this lecture, attendees should appreciate:

- Concepts by which complete dentures are fabricated using CAD/CAM technology.
- Clinical steps used to record the required morphology of complete dentures.
- Benefits of using a 3D Complete Denture Tooth Arrangement program.

### NOTES:

- Peri-implant disease in many cases can be related to dental cements and prosthetic design. The introduction of cement into subgingival tissues can be excluded utilizing aesthetic screw retained restorations or custom abutments that eliminate the crown/abutment interface below gingiva. Additional prosthetic design modifications to abutments can reduce the need for adhesive cements and facilitate use of water soluble cements that aid in detection and removal of excess cement.

Following this presentation, attendees should:

- Be able to modify abutment design to improve retention and minimize peri-implant disease.
- Understand techniques to improve the aesthetics of screw retained restorations.
- Appreciate aesthetic custom abutment design aimed at eliminating subgingival margins.

### Implant Dentistry’s “Dirty Little Secret”

**Dr. Timothy A. Hess**
Auburn, Washington

**NOTES:**

- Implant Dentistry’s “Dirty Little Secret”
  - Peri-implant disease in many cases can be related to dental cements and prosthetic design. The introduction of cement into subgingival tissues can be excluded utilizing aesthetic screw retained restorations or custom abutments that eliminate the crown/abutment interface below gingiva. Additional prosthetic design modifications to abutments can reduce the need for adhesive cements and facilitate use of water soluble cements that aid in detection and removal of excess cement.

Following this presentation, attendees should:

- Be able to modify abutment design to improve retention and minimize peri-implant disease.
- Understand techniques to improve the aesthetics of screw retained restorations.
- Appreciate aesthetic custom abutment design aimed at eliminating subgingival margins.

### CAD/CAM Fabricated Complete Dentures: Method of Obtaining Required Morphologic Data and Fabrication Process

**Dr. Charles J. Goodacre**
Loma Linda, California

This presentation will show the steps used to clinically record the morphology of the intaglio and cameo surfaces of complete dentures that can then be scanned, the prosthetic teeth arranged in a virtual environment, and then the prostheses fabricated using a CAD/CAM process. Following this lecture, attendees should appreciate:

- Concepts by which complete dentures are fabricated using CAD/CAM technology.
- Clinical steps used to record the required morphology of complete dentures.
- Benefits of using a 3D Complete Denture Tooth Arrangement program.

### NOTES:

- This presentation will show the steps used to clinically record the morphology of the intaglio and cameo surfaces of complete dentures that can then be scanned, the prosthetic teeth arranged in a virtual environment, and then the prostheses fabricated using a CAD/CAM process. Following this lecture, attendees should appreciate:
  - Concepts by which complete dentures are fabricated using CAD/CAM technology.
  - Clinical steps used to record the required morphology of complete dentures.
  - Benefits of using a 3D Complete Denture Tooth Arrangement program.
Dr. Patel is involved in R&D with respect to Cone Beam CT Imaging, CAD/CAM dental technology, and Digital Biometrics in Gnathology for several dental manufacturers. He will showcase the future of Digital Gnathology and the integration of all three of these cutting edge technologies for 3D Jaw Tracking. This can be a great tool to help the dentist understand the overall health of their patient’s stomatognathic system. Joints, muscles and teeth each play a role in determining a person’s oral health and stability. The way that the jaw moves, specifically, the analysis of mastication patterns can give us underlying clues to the quality of function and stability of our patient’s joints, muscles and occlusion. Dr. Patel will present Digital Mastication Analysis using integration of Cone Beam CT, CAD/CAM, and Digital Jaw Tracking in one software environment. Mastication analysis can also be used to help restore good function within the constraints of an imperfect existing occlusion. Following this presentation, attendees should better understand:

- The general applications of CBCT in comprehensive and interdisciplinary dentistry
- The current digital methods of Jaw Tracking
- The use of in-office CAD/CAM for restorative therapy
- Future integration of 3D CBCT Imaging, CAD/CAM, and 3D Jaw Tracking.

This presentation will take a close look at contemporary fixed implant supported prosthetic alternatives for the edentulous patient. As in any other field of prosthetic dentistry, the treatment planning phase of treatment represents the culmination of a comprehensive diagnostic phase in which the clinician designs the route of treatment. A well thought out contingency plan should be considered for those patients exhibiting parafunctional activity. Key elements of Interdisciplinary clinical communication as well as laboratory communication will be described in order to ensure success. Following this lecture, attendees should appreciate:

- Treatment planning edentulous patients for fixed implant supported restorations.
- Advantages & shortcomings of different treatment options available.
- Contingency planning in the design of the edentulous dental reconstructions.
A Look at New Materials through The Lens of Proven Principles

There are clinically proven restorative materials that are very familiar to lab techs and dentists. These same individuals are being hit with a barrage of commercially biased information related to new materials and technologies. Here, we will examine hype surrounding “hot” new materials, and compare them with traditional materials and proven principles. Important is how they fail structurally and functionally and how to avoid clinical failure. Participants will learn:

- Physical properties and failure modes of all-ceramic materials.
- How to predictably manipulate contemporary materials.
- When gold or metal-ceramic restorations should be used.
- Consider determinants for long term material success or failure.

Where Do Incisal Edges Go to Die and Can We Revive Them Predictably?

Anterior guidance is key to comfort, function, and longevity of many restorations. Unfortunately, we all too often go from restorative problem identification to restoration planning without a diagnosis. In this presentation, common etiologies for incisal edge damage will be examined, including best restoration designs to avoid recurrence of the destruction. Following this lecture, attendees will:

- Appreciate subtle, and more obvious, types of incisal edge damage and appreciate “where incisal edges go to die.”
- Be able to design restorations to minimize the chances of continued destruction.
- Understand the impact of material selection on long term predictability of our restorative efforts.


Dentists for many years have performed very well using the analog world. Years ago, dentistry began going digital with a computer at the front desk, then in the operatory and digital records. Digital radiographs were a breakthrough in technology. This modality is still only 30-40% saturation of practices today. Today, dentists have the option of incorporating digital technology to actually make treating our patients better, from digital radiographs, to digital records keeping, to cone beam CT’s. We have so much more information for diagnosis and treatment planning today. Dentists can perform digital planning for implants, digital placement, digital impressions, and CAD/CAM restorations. Following this presentation, attendees should better understand:

- Cone beam CT technology and digital implant planning.
- Local digital guide fabrication and guided implant surgical placement.
- Digital impressions and CAD/CAM restorations.
- Incorporation of soft tissue lasers in routine therapy.
2:00 - 5:00 PM – TABLE CLINIC SESSION, Room Tamaya E

Dr. Bryan S. Baker (Manhattan Beach, California)
Comparison of Various Registration Techniques to Maximize the Airway in Sleep Apnea Patients

Dr. Michael D. Cary (Sherwood, Oregon)
Preventive Gnathology#2: Treatment Sequencing of Biobloc Orthotropics

Dr. Matthew R. Checketts (San Antonio, Texas)
Digital Kesling Set-Up – A Novel Approach to Planning Interdisciplinary Treatment

Dr. Paul Hasegawa (Seattle, Washington)
Navigating the International Academy of Gnathology Web Site: www.gnathologyusa.org

Dr. Andrew Johnson (Memphis, Tennessee)
Use of CAD/CAM Occlusal Veneers to Ease the Vertical Transition when Restoring Worn Dentition

Dr. Kevin Komatsu (Los Angeles, California)
Temporary Implant Abutments for Quick and Easy Peri-Implant Tissue Contouring

Mr. Korey R. Korfiatis (Wenatahee, Washington)
Dental Marketing for the New Economy

Dr. Alexandros Manolakis (Thessaloniki, Greece)
Intra-Operative Bite Registration for Immediate Loading of Implants Placed in the Edentulous Jaw

Dr. A. Burton Melton (Albuquerque, New Mexico)
CAD/CAM Complete Dentures and Their Many Other Applications

Dr. Arthur Partiyan (Beirut, Lebanon)
Effect of Framework Design on Fracture Resistance of Full Ceramic Posterior 3-Unit FPDs

Drs. Shane Samy (Eugene, Oregon) & James L. Delgado (Albany, Oregon)
Preventing and Managing Dental Implant Complications

Dr. Steve Schmitt (San Antonio, Texas)
Dental Casts and Articulation in the Digital Age

Dr. Ryan Sheridan (San Antonio, Texas)
Fabrication of a Custom Central Bearing Point Device for Functional Generation of Occlusal Surfaces

Dr. Robert C. Supple (Albuquerque, New Mexico)
Digital Occlusal Force Patterns

Dr. Stephen Wagner (Albuquerque, New Mexico)
A One-Appointment Final Impression Technique Using a Newly Designed Prefabricated Edentulous Tray

Dr. Darin J. Ward (Alberta, Canada)
Preventive Gnathology #1: The Etiology of Malocclusion

Dr. Mark Z. Yamamoto (Huntington Beach, California)
Anterior Open Bite with TMD

6:30-9:00 PM – ROUTE 66 THEME DINNER
Cottonwood Pavilion
Introducing a new patient to your dental practice is a critical first step in providing thorough dental care to any patient, and it’s especially important in complex restorative care. The new patient exam process is usually a patient’s first impression of you, your staff, and the type of dental care that you provide. In addition, this exam should be done systematically to permit acquisition of all relevant information prior to treatment planning. All too often, we fall into the trap of providing routine “emergency care” or succumb to the request “I just get a cleaning.” This presentation illustrates a new patient management system that emphasizes quality care, complete data gathering, and avoidance of common traps that often turn practices into chaos.

Following this lecture, attendees should:

• Better understand triage of patients as well as the best questions to ask new patients.
• Appreciate the value and use of visual aids in patient education.
• Be comfortable accomplishing occlusal evaluations, TMD screenings, and periodontal exams.
• Understand data gathering from “healthy” patients and patients requiring complex care.

5:00 PM - Dr. David Cagna, Program Chair
Closing of the Scientific Session

NOTES:

Wear of Enamel and Restorative Materials

Dentists are seeing many patients with advanced wear. Wear is clearly multifactorial with bruxism and erosion as major etiologic factors. However, mechanical abrasion related to restorative materials is also an etiologic factor. This presentation will evaluate the scientific literature related to wear of enamel and restorative materials. It will demonstrate that the evidence base related to wear is weak and explain why more controlled clinical trials have not been conducted. It will evaluate evidence gleaned from in vitro studies and also explain why data from multi-million dollar “wear centers” is of limited value when attempting to predict clinical performance. Finally, suggestions regarding materials selection in specific clinical settings will be given.

Following this lecture, attendee should better understand:

• The relative rates of wear produced by restorative materials.
• Which materials to choose in specific clinical situations.
• That wear of enamel is a multifactorial process involving both patient and material factors.
• That the least abrasive dental ceramic is 10 times more abrasive to enamel than gold.

12:00-12:30 PM
Dr. Eric McRory
Bellingham, Washington

A New Patient Exam for the Contemporary Gnathologist

6:00-7:00 PM – COCKTAIL RECEPTION
Tamaya Veranda

7:00-10:00 PM – GALA DINNER-DANCE
Tamaya Ballroom

12:35-2:00PM – LUNCH, Rio Grande Bar & Patio
Cone beam CT can reveal hidden anatomy and disclose important anatomic variations that can’t be visualized on traditional panoramic and cephalometric projections. This presentation will elucidate the imaging findings, natural course of disease progression, and the prognosis of several TMJ conditions and their influence on facial growth and airway. Following this lecture, attendees should understand:

- Concepts of normal TMJ growth and development.
- The identification of abnormal TMJ form.
- Functional and anatomic relationships between TMJ growth, jaw growth, and airway dimensions.

This presentation will provide a brief overview of facial growth emphasizing the role of the mandible and the TMJ. Next, the effects of joint overload (e.g., disc displacement) on growth will be presented. The magnitude of the problem and its prevalence will be discussed. Lastly, possible causes and possible treatment will be introduced. The entire presentation will be documented with appropriate bibliography and observational evidence. Following this presentation, attendees will better appreciate:

- Mandibular growth and its crucial effect on facial balance and occlusion
- The importance of TMJs in mandibular growth
- The impact of TMJ insult on mandibular growth
- Interpretation of TMJ imaging as a diagnostic tool
- Treatment objectives and methods

Color is an integral part of esthetic dentistry. Most dental schools don’t adequately teaching color theory, which is the conceptual and perceptual description of color elements and their interactions. Unfortunately, understanding color can be tricky. Slight shade variance play with our eyes, our minds, and ultimately our dentistry. Illumination in dental treatment rooms, optical illusions, color blindness, and fatigue are all obstacles to successful shade management. This presentation will highlight dimensions of color, the effect of metamerism, and other phenomenon that will sharpen both perception and understanding of color dynamics leading to improved color predictions and communication. Following this presentation, attendees should appreciate:

- Interactions of light, color, color perception and shade matching.
- Difference between additive and subtractive color theory.
- The phenomenon of metamerism.
- Translucency, maverick colors, and shade shifts.
- How/why camera light meters and human vision can’t be trusted.
- Three simple tricks to improving correct color selection.
The dental practitioner is constantly being challenged by new information and concepts in the area of orofacial pain and temporomandibular disorders. Although much of this information is very helpful in managing TMD, the practitioner must be mindful of the fact that there are many sources of orofacial pain. In order for a practitioner to be successful, he or she must be able to separate TMD from other orofacial pain conditions so that appropriate treatment may be selected. This is the process of diagnosis and is the most critical aspect of pain management. This presentation will also discuss the etiologic factors associated with TMD and where occlusal therapy may find its role in management. Following this presentation, attendees should:

• Be able to differentiate between TMD and other orofacial pain conditions.
• Be able to differentiate the site and source of pain.
• Understand the common patterns of pain referral in the orofacial structures.
• Appreciate the various types of orofacial pains.

The Diagnostic Challenges of TMD & Orofacial Pain

8:00-9:45 AM
Dr. Jeffrey P. Okeson
Lexington, Kentucky

9:45-10:00 AM - Q&A with Dr. Robert Cronin (Moderator)

Thank You to our exhibitors for supporting IAG Congress XXVI and for providing valuable professional informational for attendees!
Many orthodontic patients have discrepancies that can’t be corrected with conventional orthodontics, but are not severe enough for orthognathic surgery. Accelerated orthodontics and skeletal anchorage have been used for a number of different dentoalveolar problems, examples of these would include: anterior open bites, anterior crossbites, excess overjet, and constricted arches. This presentation will highlight goal directed treatment planning, based on the position of the upper and lower incisors, facial esthetics, smile esthetics and joint position. Dentoalveolar distraction osteogenesis (DDO) can be utilized to correct an unfavorable anteroposterior relationship between the maxillary teeth and the skeletal base. Skeletal anchor plates which are implanted in the zygomatic buttress area, serve as absolute anchorage for maxillary molar intrusion. In addition, they can also be used for Class II correction. A wide variety of clinical cases at different stages of treatment will be presented. Following this lecture, attendees should comprehend:

- Diagnosis of anterior openbites.
- Protocols for maxillary anchor plates.
- Protocols for dentoalveolar distraction osteogenesis.
- Protocols for Class II and Class III correction.

**Diagnosis and Treatment of Dentoalveolar Discrepancies with Maxillary Zygomatic Anchorage and Dentoalveolar Distraction Osteogenesis**

**Board of Directors**
- Dr. David R. Cagna, Memphis TN
- Dr. Michael N. Cohlmia, Dallas TX
- Dr. Paul Hasegawa, Seattle WA
- Dr. Karl L. Hoffman, Lacey WA
- Dr. William N. McGilchrist, Evanston IL
- Dr. William H. McMorris, Memphis TN
- Dr. Robert S. Nishikawa, Los Angeles CA
- Dr. Lane Ochi, Beverly Hills CA
- Dr. Lee Steglich, Dallas TX
- Dr. Michael G. Wiley, Colorado Springs CO

**Emeritus Directors**
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- Dr. Albert Solnit, Solvang CA
- Dr. Ralph G. Stenberg, Lynnwood WA

**Scientific Program Committee**
- **Chair**: Dr. David Cagna, Memphis TN
- **Table Clinic Director**: Dr. Robert S. Nishikawa, Los Angeles CA
- **Audio-Visual Director**: Dr. Lane Ochi, Beverly Hills CA
- **Exhibitors Director**: Dr. John Petrini, San Francisco CA
- **Promotions Director**: Dr. Richard Schirmer, Sweet Home OR
- Dr. Eric N. Bloom, Glenview IL
- Dr. Douglas Erickson, Duluth MN
- Dr. Lisa Kajimura, Bellevue WA

**Membership Committee**
- **Chair**: Dr. Karl Hoffman, Lacey WA
- Dr. Robert S. Nishikawa, Los Angeles CA
- Dr. Markus Tröltzsch, Ansebach, Germany

**Local Arrangements Committee**
- Dr. Mike and Garland Cohlmia, Dallas TX
- Dr. Lee and Melanie Steglich, Dallas TX

**Nominations Committee**
- Dr. William N. McGilchrist, Evanston IL

**Web Master**
- Dr. Paul Hasegawa, Seattle WA

**Liaison to the Journal of Prosthetic Dentistry**
- Dr. David Cagna, Memphis TN

**IAG Administrative Assistant**
- Mrs. Suzanne Liming, Pflugerville, TX
The state of a dental system can be assessed simply by carefully looking at the lower incisors. Is that so?

It is, if you know what you are looking for. Many aspects of the lower front teeth will be touched upon from their premiere eruptive patterns to the eventual, various worn and misaligned states; at all times comparing ideal to pathologic forms and functions. Reference will be made to an unprecedented study using a bioesthetic maxillary anterior guided orthosis (BMAGO). Following this lecture, attendees should:

- Appreciate the vital roles that lower incisors play in facial growth and orognathic development.
- Recognize optimal form and function found in natural adult dentitions.
- Be aware that the pristine state of anatomy and physiology is fundamental to diagnosis of problematic dental systems.
- Be capable of designing successful comprehensive restorative dental solutions.

NOTES:

The McCollum Award was established by the Board of Directors on the International Academy of Gnathology, American Section, at its 1969 meeting in New York City. Dr. Charles Eller and Dr. Carlos Ripol designed the award medallion. The McCollum Award, the highest honor conveyed by the Academy, is presented at each biennial meeting to distinguish those who have contributed significantly to the clinical application, scientific foundation, and educational advancement of Gnathology.

RECIPIENTS

2011......Dr. Thomas F. Basta (Los Gatos CA)
2009......Dr. Donald H. Downs (Colorado Springs CO)
2007......Dr. Posey G. Hedges (Memphis TN)
2005......Dr. William N. McGilchrist (Evanston IL)
2003......Dr. W. Thomas Colquitt (Shreveport LA)
          Dr. Robert J. Cronin (San Antonio TX)
2001......Dr. Ralph Stenberg (Lynnwood WA)
1999......Dr. Albert Solnit (Beverly Hills CA)
1997......Dr. Axel Bauer (Dusseldorf, Germany)
          Dr. James M. Benson (San Diego CA)
1995......Dr. Hunter A. Brinker* (Oviedo FL)
1993......Dr. Everitt V. Payne* (Beverly Hills CA)
1989......Dr. Harry L. Gelfant (Vancouver BC)
          Dr. Olin M. Loomis* (Seattle WA)
1987......Dr. Jack Swepton* (Dallas TX)
1985......Dr. William H. McMorris (Memphis TN)
          Dr. George W. Simpson* (Franklin IN)
1983......Dr. Sumiya Hobo* (Tokyo, Japan)
          Dr. Mario Martignoni* (Rome, Italy)
1981......Dr. Max Kornfeld* (St. Louis MO)
          Dr. Victor O. Lucia* (Hackensack NJ)
1979......Dr. Carlo DeChiesa* (Saluzzo, Italy)
          Dr. Gustav Swab* (San Diego CA)
1975......Dr. Llewellyn Leigh* (Palo Alto CA)
          Dr. Clyde Sheppard* (Lafayette CA)
1973......Dr. Charles G. Eller (La Mesa CA)
          Dr. Carlos Ripol* (Mexico City, Mexico)
1971......Dr. Harvey Stallard* (San Diego CA)
          Dr. Charles Stuart* (Ventura CA)
          Dr. Peter K. Thomas* (Beverly Hills CA)

*Deceased
As our patients become more discriminating, dentists must become better diagnosticians as well as clinicians. The most difficult patients to treat in the adult restorative practice are the wear patients. As the teeth wear, they commonly move into positions that make restorative dentistry difficult and sometimes impossible. This condition is termed “Dentoalveolar Extrusion” (DAE). The understanding of the DAE has completely revolutionized the diagnosis and treatment planning of this difficult subset of patients. The DAE wear patient commonly requires an interdisciplinary treatment approach to achieve an esthetic and functional result. This lecture will address the following topics: review of CORE diagnosis principles, diagnosis of DAE, interdisciplinary approach to DAE, 8 treatment options for treating DAE, and case studies to illustrate treatment options. Following this presentation, attendees should appreciate:

- Diagnose dentoalveolar extrusion (DAE)
- Indications for functional crown lengthening as a treatment for DAE
- Indications for orthodontic intrusion as a treatment for DAE
- Methods of dealing with inadequate space and excess space in the DAE patient
- Five additional less commonly used treatments for DAE.

NOTES:

2:30-2:55 PM - BREAK WITH EXHIBITORS, Hawk Room
IAG SECTION INFORMATION

OVERVIEW: PROGRAM & EVENTS

AMERICAN SECTION
Dr. Thomas E. Cyr, Secretary-Treasurer
1322 Avenue D, Suite A, Snohomish, WA 98290
Phone: (360) 568-5800
Email: smileman47@comcast.net
Web: www.gnathologyusa.org

Next Meeting: Congress XXVII
Langham Huntington Hotel, Pasadena, CA
September 17-19, 2015

LATIN SECTION
Dr. Rafael Mejicano (Guatemala), Congress President
Phone: 502 238 57777
Email: mejicano@centrodental.com.gt
Dr. Pablo Rueda Gomez (Colombia), Secretary
Phone: 57 1 2576611
Email: drpruedag@yahoo.com

Next Meeting: Congreso XX, Antigua
Guatemala, Central America
Dr. Leslie Belmont (Peru), Honorary Pres.
September 19-20, 2014

ASIAN SECTION (Currently “The Academy of Clinical Dentistry”)
Takashi Watanabe, President
6-2, Kotaki-cho, Ohara, Onahama, Iwaki City
Fukushima Prefecture, Japan 138-0088
Phone: 81-246-52-0006
Email: watanabe@kotakishika.com
Website: www.ago.ac/en

New Office: The Academy of Clinical Dentistry (Japan)
Sankyo Hanzomon Palace 201, 1-8-2 Hirakawa-cho
Chiyoda-ku, Tokyo, Japan 102-0093
Phone: 81-3-6691-0261
Email: nichigaku@ago.ac

Next Meeting: The Tokyo Forum, Tokyo, Japan
June 21-22, 2014

AUSTRALIAN SECTION
Dr. Christopher Watt, President
62 Strathallen Avenue, Northbridge, NSW 2063 Australia
Phone: 61 2 9958 0400
Email: chrsw@sailorsbaydentistry.com.au

Next Meeting: No meeting presently organized

Tuesday, September 17
6:00 pm ~ 8:00 pm…….Congress Registration, Mountain View Foyer

Wednesday, September 18
8:00 am ~ 12:30 pm…… Congress Registration, Mountain View Foyer
12:40 pm ~ 1:00 pm…… Opening Remarks, Room Tamaya ABCD
1:00 pm ~ 2:30 pm…… Dr. J. William Robbins
2:30 pm ~ 2:55 pm …….. Break with Exhibitors
3:00 pm ~ 3:55 pm…… Dr. Thomas D. Dumont
4:00 pm ~ 5:00 pm…… Dr. Douglas Knight
6:30 pm ~ 8:30 pm…… Cocktail Reception, Hummingbird Garden

Thursday, September 19
8:00 am ~ 9:45 am…… Dr. Jeffery P. Okeson
9:45 am ~ 10:00 am…… Q&A Session (Dr. Bob Cronin, Moderator)
10:00 am ~ 10:25 am…… Break with Exhibitors
10:30 am ~ 11:10 am…… Dr. David C. Hatcher
11:15 am ~ 11:55 am…… Dr. R. Andrew Giradot
12:00 pm ~ 12:30 pm…… Dr. Eric McRory
12:30 pm ~ 12:35 pm…… Dr. Bob Nishikawa – Table Clinic Overview
12:35 pm ~ 1:55 pm…… Lunch, Rio Grande Bar & Patio
2:00 pm ~ 5:00 pm…… Table Clinic Session, Room Tamaya E
6:30 pm ~ 9:00 pm…… Route 66 Theme Dinner, Cottonwood Pavilion

Friday, September 20
7:30 am ~ 8:15 am…… IAG Business Meeting, Room Tamaya ABCD
8:30 am ~ 9:10 am…… Dr. Frank Higginbottom
9:15 am ~ 10:00 am…… Dr. Neal Patel
10:00 am ~ 10:25 am…… Break with Exhibitors
10:30 am ~ 11:25 am…… Dr. Charles J. Goodacre
11:30 am ~ 12:30 pm…… Drs. Chuck DeFreest & Steve Schmitt
12:30 pm +……………… Unscheduled Afternoon & Evening

Saturday, September 21
8:00 am ~ 8:55 am…… Dr. Michael J. Melkers
9:00 am ~ 9:55 am…… Dr. Russell T. DeVreugd
10:00 am ~ 10:25 am…… Break with Exhibitors
10:30 am ~ 11:10 am…… Dr. Timothy A. Hess
11:15 am ~ 12:00 pm…… Dr. Ricardo Mitrani
12:00 pm ~ 12:55 pm…… Lunch, Corn Maiden Restaurant & Patio
1:00 pm ~ 3:00 pm…… Dr. James C. Kessler
3:00 pm ~ 3:30 pm…… Break with Exhibitors
3:30 pm ~ 4:10 pm…… Drs. Markus & Matthias Troeltzsch
4:15 pm ~ 5:00 pm…… Dr. Terry Donovan
5:00 pm +……………… Closing Remarks
6:00 pm ~ 7:00 pm…… Cocktail Reception, Tamaya Veranda
7:00 pm ~ 10:00 pm…… Formal Gala Dinner-Dance, Tamaya Ballroom

CONTINUING EDUCATION CREDIT: Attendees will earn 20.10 AGD
PACE and California continuing education units.
Welcome to the twenty-sixth biennial gathering of the International Academy of Gnathology, American Section.

The Scientific Program Committee has worked diligently to bring together a scientific program that we're certain you will enjoy. From foundational presentations on functional impairment of the temporomandibular joint to state-of-the-art digital dentistry, today's best and brightest presenters are here to advance our understanding of the ever-changing art and science of dentistry.

The challenging work of organizing this year's program was enthusiastically accomplished by seven persistent, talented, and very special individuals; the Scientific Program Committee. All committee members contributed to the recruitment, selection, and organization of the outstanding presenter lineup for Congress XXVI. In addition Dick Schirmer and Doug Erickson worked meeting promotions. Bob Nishikawa and Lisa Kajimura handled the demanding task of organizing the table clinic session. Lane Ochi and Eric Bloom managed the complexities of arranging program audio-visuals. And last, but by no means least, John Petrini coordinated the support and display of exhibitors that will be graciously available to attendees through the meeting. Without the willing dedication, hours of commitment, and sincere effort of these hard working committee members, the remarkable professional program before you over the next several days would not be possible.

On behalf of Academy officers, directors, and committee members, I am happy to extend a most sincere "thank you" to all attendees for joining us at the beautiful Hyatt Regency Tamaya Resort & Spa. We are confident that you will thoroughly enjoy the excellent facilities, stunning southwest landscapes, rewarding educational opportunities, enjoyable social activities, and perhaps most of all, the camaraderie of professional and personal interactions, old and new.

Sincerely,

Dave Cagna, Chair
2013 IAG Program Committee

WWW.GNATHOLOGYUSA.ORG The International Academy of Gnathology, American Section, newly designed website contains valuable information. Please refer to the website for the latest information, online registration, meeting updates, Congress hotels and local arrangements.
“Let’s keep Gnathology growing. The mark of a professional person is evidenced by his continued desire to upgrade his knowledge and skill so that he will be able to serve better those who seek his professional service.”

Dr. Harvey Stallard

Mark Your Calendars!

International Academy of Gnathology
American Section

CONGRESS XXVII

The Langham Huntington Hotel, Pasadena, CA
September 17-19 (Thursday - Saturday), 2015

Thanks again to our Exhibitors!

International Academy of Gnathology, American Section, is designated as an Approved PACE Program Provider by the Academy of General Dentistry. The formal continuing education programs of this program provider are accepted by AGD for Fellowship, Mastership and membership maintenance credit. Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement. The current term of approval extends from 9/1/2013 to 8/31/2016. Provider ID# 218796.